

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

In re Application of: Juergen FROSIEN	<i>www</i>	Int'l Application No.: PCT/EP2005/001637
Serial No.: to be assigned	999	Int'l Filing Date: 17 February 2005 (17.02.2005)
Filed: herewith	§ §	Priority Date: 19 March 2004 (19.03.2004)
For: HIGH CURRENT DENSITY PARTICLE BEAM SYSTEM	<i>www</i>	

MAIL STOP PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

22313-1450. 9//4/06 Date

Zin Zh

CERTIFICATE UNDER 37 CFR 1.10

I hereby certify that this correspondence and the documents

referred to as attached therein are being deposited on

September 18, 2006, with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee,"

mailing label No. EV763975515US, addressed to: Mail Stop

PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

90/59324693246 - GAU: 2881 NP9/Recid PCNPTO 18 SEP 2002

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

Respectfully submitted,

Zin Z Zhu

Keith M. TACKETT

Registration No. 32,008

PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd. Suite 1500

Houston, TX 77056

Telephone: (713) 623-4844 Facsimile: (713) 623-4846 Attorney for Applicant(s)

501592v1

: 2881

Approved for use through 09/30/2006. OMB 0651-0031 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO Complete if Known Application Number PCT/EP2005/001637 INFORMATION DISCLOSURE Filing Date 02/17/2005 STATEMENT BY APPLICANT First Named Inventor Juergen Frosien Art Unit Unknown (Use as many sheets as necessary) Examiner Name Unknown Sheet of ZIMR/0048 Attorney Docket Number

			U.S. PATENT D	OCUMENTS		
Examiner Cite		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear	
Initials * No.1	Number - Kind Code ² (if known)	Cited Document				
	A1	US-4524278	06-18-1985	Le Poole		
	A2	US-4982099	01-01-1991	Lischke		
		US-				
		US-				
		US-	-			
		บร-				
		US-				
		US-				
		US-		<u> </u>		
		US-				
		US-				
	1	US-				
		US-				
		US-				
	1	US-				
		US-				
		US-	-			
		US-				
-		US-				
		US-				

FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Initials* No.1		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document		T ⁶
	A3	EP0213664 A1	3/11/1987	N.V. Philips		
	A4	EP1150327 A1	10/31/2001	ICT Integrated Circuit		
	A5	EP1197985 A2	04/17/2002	Hitachi, Ltd.		
	A6	EP1463087 A1	09/24/2004	ICT Integrated Circuit		
						-
						

Examiner Signature	/Michael Logie/	Date Considered	05/28/2009	
-----------------------	-----------------	--------------------	------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO Complete if Known Application Number PCT/EP2005/001637 INFORMATION DISCLOSURE Filing Date 02/17/2005 STATEMENT BY APPLICANT First Named Inventor Juergen Frosien Art Unit Unknown (Use as many sheets as necessary) Examiner Name Unknown ZIMR/0048 Sheet 2 Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
	A7	International Search Report, PCT/EP/2005/001637, 02/17/2005		

Examiner Signature	/Michael Logie/	Date Considered	05/28/2009
-----------------------	-----------------	--------------------	------------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.